

#2

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

Docket Number	Application Number
19504-028	To Be Assigned
Applicant(s)	
Richard J. Helferich	
Filing Date	Group Art Unit
Herewith	

**U.S. PATENT DOCUMENTS**

JC542 U.S. PTO  
69 51398  
02/23/00

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	5,781,857	7/14/98	Hwang et al.			
	B	5,838,252	11/17/98	Kikinis			
	C	5,175,758	12/29/92	Levanto et al.			
	D	5,455,823	10/3/95	Noreen et al.			
	E	5,463,672	10/31/95	Kage			
	F	5,473,667	12/5/95	Neustein			
	G	5,489,894	2/6/96	Murray			
	H	5,561,702	10/1/96	Lipp et al.			
	I	5,696,500	12/9/97	Diem			
	J	5,726,643	3/10/98	Tani			
	K	5,761,622	6/2/98	Priest			
	L	5,809,130	9/15/98	Ayala			
	M	5,815,800	9/29/98	Su et al.			
	N	5,448,759	9/5/95	Krebs et al.			
	O	5,239,679	8/24/93	Murai			
	P	5,774,803	6/30/98	Kariya			
	Q	5,257,307	10/26/93	Ise			
	R	5,694,120	12/2/97	Indekeu et al.			
	S	3,118,145	1/14/64	Nee			
	T	4,480,253	10/30/84	Anderson			
	U	4,644,352	2/17/87	Fujii			
	V	4,737,979	4/12/88	Hashimoto			
	W	4,812,843	3/14/89	Champion, III et al.			
	X	4,821,308	4/11/89	Hashimoto			
	Y	4,825,456	4/25/89	Rosenberg			
	Z	4,845,491	7/4/89	Fascenda et al.			
	AA	4,853,688	8/1/89	Andros et al.			
	BB	4,897,835	1/30/90	Gaskill et al.			
	CC	4,942,598	7/17/90	Davis			
	DD	4,961,216	10/2/90	Baehr et al.			
	EE	4,965,569	10/23/90	Bennett et al.			
	FF	4,975,694	12/4/90	McLaughlin et al.			
	GG	5,005,013	4/2/91	Tsukamoto et al.			
	HH	5,007,105	4/9/91	Kudoh et al.			
	II	5,040,204	8/13/91	Sasaki et al.			
	JJ	5,043,721	8/27/91	May			
	KK	5,047,763	9/10/91	Kuznicki et al.			
	LL	5,065,423	11/12/91	Gaskill			
	MM	5,093,659	3/3/92	Yamada			
	NN	5,115,233	5/19/92	Zdunek et al.			
	OO	5,117,449	5/26/92	Metroka et al.			
	PP	5,128,980	7/7/92	Choi			

QQ	5,134,724	7/28/92	Gehring et al.			
RR	5,138,311	8/11/92	Weinberg			
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YY	5,173,688	12/22/92	DeLuca et al.			
ZZ	5,177,780	1/5/93	Kasper et al.			
A1	5,182,553	1/26/93	Kung			
B2	5,185,604	2/9/93	Nepple et al.			
C3	5,192,947	3/9/93	Neustein			
D4	5,194,857	3/16/93	Gomez			
E5	5,212,636	5/18/93	Nakazawa			
F6	5,220,366	6/15/93	King			
G7	5,227,774	7/13/93	Benoist			
H8	5,241,305	8/31/93	Fascenda et al.			
I9	5,247,700	9/21/93	Wohl et al.			
J10	5,257,307	10/26/93	Ise			
K11	5,265,033	11/23/93	Vajk et al.			
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M13	5,315,635	5/24/94	Kane et al.			
N14	5,329,501	7/12/94	Meister et al.			
O15	5,379,031	1/3/95	Mondrosch et al.			
P16	5,396,537	3/7/95	Schwendeman			
Q17	5,398,021	3/14/95	Moore			
R18	5,402,466	3/28/95	Delahanty			
S19	5,410,302	4/25/95	Dulaney, III et al.			
T20	5,418,835	5/23/95	Frohman et al.			
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W23	5,428,663	6/27/95	Grimes et al.			
X24	5,432,839	7/11/95	DeLuca			
Y25	5,440,559	8/8/95	Gaskill			
Z26	5,444,671	8/22/95	Tschannen et al.			
AA1	5,452,356	9/19/95	Albert			
AA2	5,457,732	10/10/95	Goldberg			
AA3	5,473,143	12/5/95	Vak et al.			
AA4	5,475,653	12/12/95	Yamada et al.			
AA5	5,479,378	12/26/95	Yamada et al.			
AA6	5,479,408	12/26/95	Will			
AA7	5,481,255	1/2/96	Albert et al.			
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AA9	5,485,503	1/16/96	Diem			
AA10	5,487,100	1/23/96	Kane			
AA11	5,497,373	3/5/96	Hulen et al.			
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AA20	5,588,009	12/24/96	Will			

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REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
						YES	NO

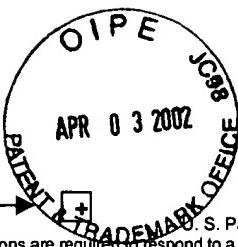
**OTHER DOCUMENTS** (*Including Author, Title, Date, Pertinent Pages, Etc.*)

Document: Statutory Invention Registration No. H610; Date: 03/07/89; Inventor: Focarile et al.

EXAMINER	DATE CONSIDERED
<u>TRINH, TON</u>	<u>2/11/04</u>

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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PTO/SB/08A (08-00)

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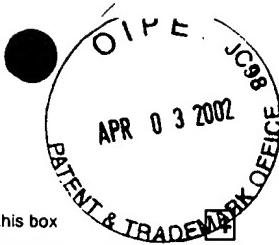
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Substitute for form 1449A/PTO				Complete If Known	
				Application Number	09/513,998
				Filing Date	February 23, 2000
				First Named Inventor	Helferich, Richard J.
				Group Art Unit	2684
				Examiner Name	Not yet assigned
Sheet	1	of	2	Attorney Docket Number	
00101-140-USP					

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U. S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
<i>RJH</i>		5,406,557		Baudoine	04/11/1995
		5,483,352		Fukuyama et al.	01/09/1996
		5,564,018		Flores et al.	10/08/1996
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		5,742,668		Pepe et al.	04/21/1998
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		5,870,030		Deluca et al.	02/09/1999

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FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Country	Date of Publication of Cited Document MM-DD-YYYY
		Office <sup>3</sup>	Number <sup>4</sup>		
<i>RJH</i>		O 631 419 A1		Europe	12/28/1994
		EP 0 777 394 A1		Europe	06/04/1997
		WO 98/58476		PCT	12/23/1998
		WO 99 65256A		Logica, Inc.	12/16/1999
		EP 0831 664 A2		Siemens Business Communication Systems, Inc.	09/19/1997



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Substitute for form 1449A/PTO				Complete if Known	
				Application Number	09/513,998
				Filing Date	February 23, 2000
				First Named Inventor	Helferich, Richard J.
				Group Art Unit	2684
				Examiner Name	Not yet assigned
Sheet	2	of	2	Attorney Docket Number	00101-140-USP

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Examiner Signature	TRINH, THN	Date Considered	2/11/04
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
		<sup>2</sup>	

Examiner Signature	TRINH, THN	Date Considered	2/11/04
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<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached

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SHEET 1 OF 1

Form PTO 1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 6300-0007-52	SERIAL NO. 08,989,874
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT Richard J. HELFERICH	
		FILING DATE December 12, 1997	GROUP 2742

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AA	5,592,532	01/07/97	Shigeru KOIZUMI			
AB	5,003,576	03/26/91	Richard J. HELFERICH			
AC						
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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
AO					
AP					
AQ					
AR					
AS					
AT					
AU					
AV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	
	AX	
	AY	
	AZ	

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# 11

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**
*Complete if Known*

Application Number	09/513,998
Filing Date	February 23, 2000
First Named Inventor	Richard J. HELFERICH
Group Art Unit	2749
Examiner Name	Unassigned

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Sheet 1 of 1 Attorney Docket Number 0101-140

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
<i>JY</i>	A	5,724,410		Parvulescu et al.	Mar. 3, 1998
	B	5,907,805		Chotai	May 25, 1999
	C	6,233,318		Picard et al.	May 15, 2001
	D	6,292,668		Alanara et al.	Sep. 18, 2001
	E	6,370,389		Isomursu et al.	Apr. 9, 2002
	F	5,239,466		Morgan et al.	Aug. 24, 1993
	G	5,557,659		Hyde-Thomson	Sep. 17, 1996
	H	5,751,793		Davies et al.	May 12, 1998
	I	6,259,892		Helperich	Jul. 10, 2001
	J	6,233,430		Helperich	May 15, 2001
	K	6,253,061		Helperich	Jun. 26, 2001
	L	6,097,941		Helperich	Aug. 1, 2000
<i>JY</i>	M	6,459,360		Helperich	Oct. 1, 2002
	N	6,462,646		Helperich	Oct. 8, 2002

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup> Code	Number <sup>4</sup>	Kind <sup>5</sup> (if known)			
Examiner Signature	<i>TRINT, TAN</i>				Date Considered	<i>2/11/04</i>	

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.



#12

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Complete if Known	
Application Number	09/513,998
Filing Date	February 23, 2000
First Named Inventor	Richard J. HELFERICH
Group Art Unit	2749
Examiner Name	Unassigned

Sheet 1 of 1 Attorney Docket Number 0101-140

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
J	A	6,018,657		Kennedy, III et al.	January 25, 2000
J	B	5,029,199		Jones et al.	July 2, 1991
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup> Code	Number <sup>4</sup>	Kind <sup>5</sup> (if known)			

Examiner Signature	TRINH, TAN	Date Considered	2/11/04
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<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.